

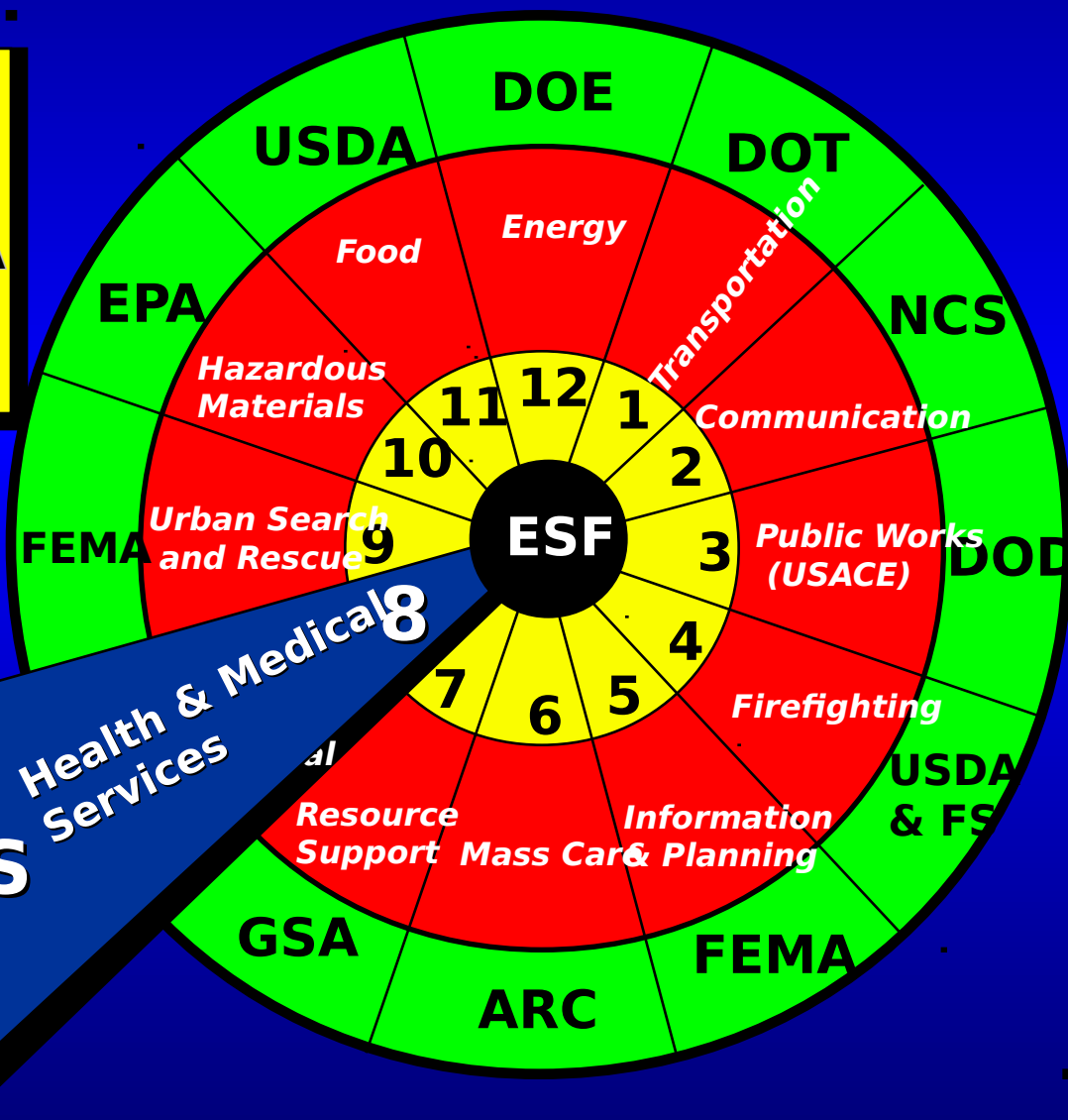


Health and Medical Services Emergency Support Function 8



Federal Response Plan ESF-8 Includes NDMS

USDA	AID
DOJ	ARC
DVA	EPA
DOD	FEMA
DOT	GSA
DOE	NCS





Federal Health Medical Disaster Response

- **Assessment of Health and Medical Needs**
- **Health Surveillance**
- **Medical Care Personnel**
- **Health/ Medical Equipment and Supplies**
- **Patient Evacuation**
- **In-Hospital Care**
- **Food/ Drug/ Medical Device Safety**
- **Worker Health/ Safety**
- **Mental Health Services**
- **Public Health Information**
- **Vector Control**
- **Potable Water/ Wastewater & Solid Waste Disposal**
- **Victim Identification/ Mortuary Services**
- **Veterinary Services**



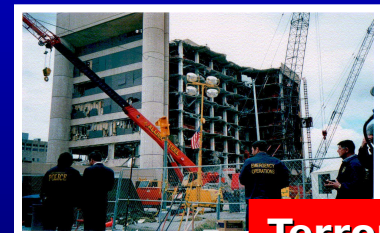
Natural



Transportation



Technological



Terrorism

National Disaster Medical System (NDMS)

A Nationwide Medical Response System to Supplement state and local medical resources during disasters or major emergencies



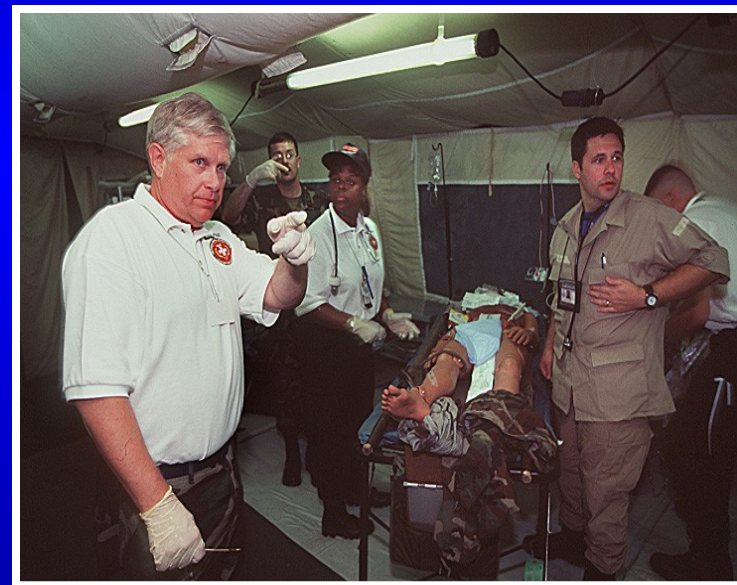
“Catastrophic Care to the Nation”



National Security Decision Directive - 47 (July 1982)



“It is the policy of the United States to **develop systems and plans** to ensure that **sufficient medical personnel, supplies, equipment, and facilities** will be available and deployed to meet essential **civilian and military health care needs** in an emergency.”





NDMS May be Activated During...

Declared Disasters
Requests for Major Medical Assistance



Overseas Military Conflict





NDMS Organizational Structure



President

National Security Council

Domestic Policy Council

Senior Policy Group (SPG)

Members:

- Asst. Sec. for Health, HHS (Chair)
- Asst. Sec. for Defense, Health Affairs
- Executive Associate Director, Response & Recovery, FEMA
- Undersecretary of Health, VA

Responsibilities:

- Set policy and Goals for National Medical Preparedness
- Oversee Directorate Staff

NDMS Directorate Staff

Members:

- HHS/PHS-Director, NDMS (Chair)
- DOD
 - OASD (HA)
 - ARMY
 - NAVY
 - AIR FORCE
- VA
- FEMA

• Responsibility: Implement Policy

NDMS Participating Organizations



Major Components



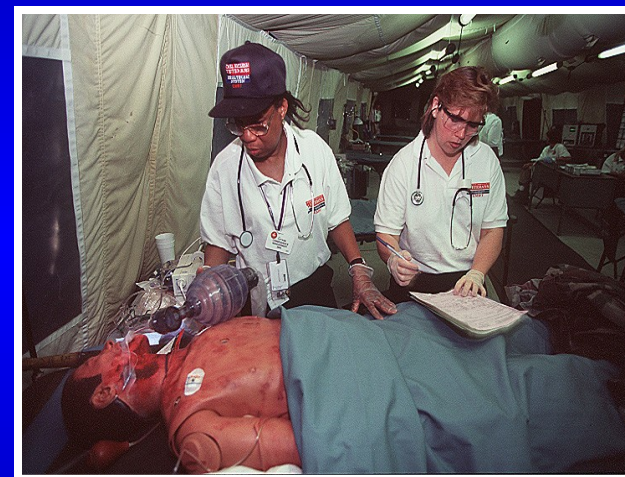
- **Federal Medical Response**
- **Patient Evacuation**
- **Definitive Medical Care**



Federal Medical Response

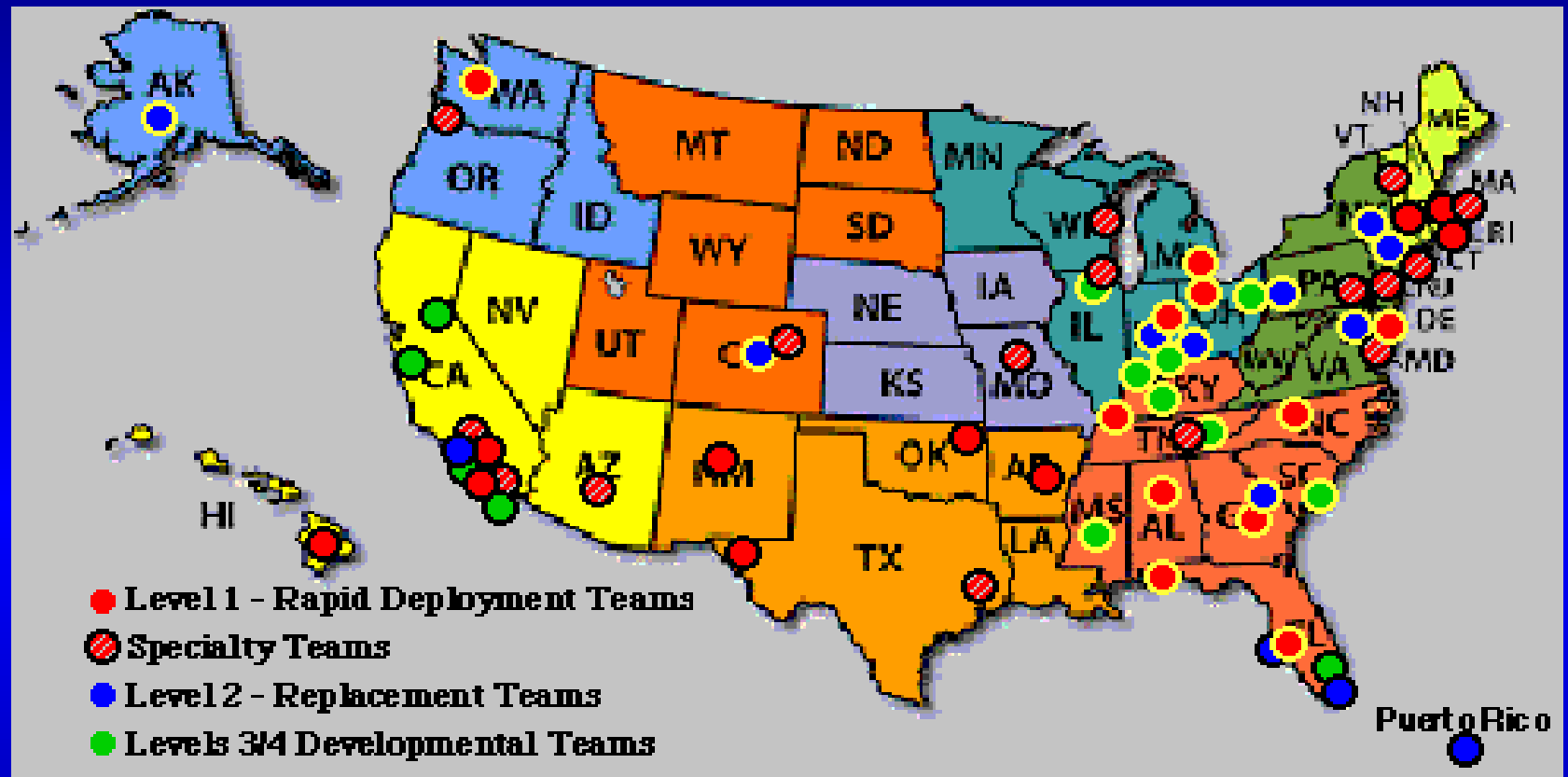
Disaster Medical Assistance Teams (DMATs)

- **Primary Medical Response Element of NDMS**
- **30 - 40 Volunteers From Every Medical Specialty (>7,000 personnel)**
- **Local, State, or National Asset**
- **Variety of Health/Medical Skills, Equipment and Supplies**
- **Federalized by NDMS Activation:**
 - **Resolves Licensure/Certification Issues**
 - **Liability Protection Under Federal Tort Claims Act**
 - **Compensation for Team Members**



- **Triage**
- **Austere Medical Care**
- **Casualty Clearing/Staging**
- **Patient Reception**

DMAT Locations



LEVEL 1: Fully Deployable

- W/Standardized Equipment & Supplies, Self-sustaining for up to 72 Hours

LEVEL 2: Support

- W/Personnel and Man-carried Personal Equipment and Supplies

LEVEL 3: Staffing

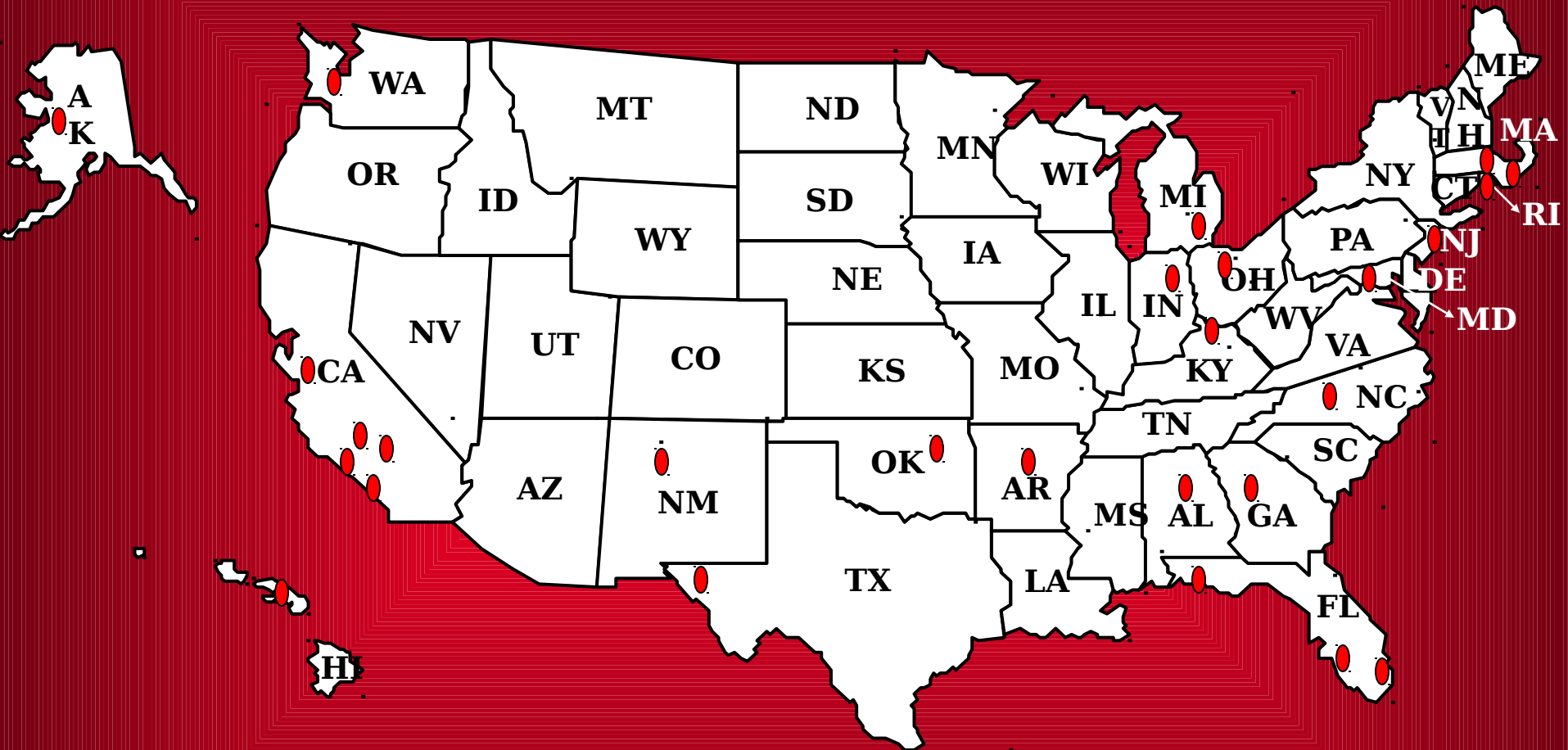
Resources Executed W/NDMS and Are in Development With Capability to Respond Locally



Medical Specialty Teams

- 27 Disaster Medical Assistance Teams - (12-24 hr response)**
- 9 Disaster Medical Assistance Teams - (Support)**
- 13 Disaster Medical Assistance Teams - (Staffing resource)**
- 6 Burn Teams**
- 2 Pediatric Teams**
- 1 Crush Medicine Team**
- 1 International Medical / Surgical Team**
- 4 Mental Health Teams**
- 4 Veterinary Medical Assistance Teams**
- 10 Disaster Mortuary Teams**
- 3 Management Support Teams**
- 4 National Medical Response Teams / WMD**

Level 1 DMATs



AK-1 Anchorage
 AL-1 Birmingham
 AR-1 Little Rock
 CA-1 Santa Ana
 CA-2 San Bernardino
 CA-4 San Diego

CA-6 San Francisco
 CA-9 Los Angeles
 FL-1 Pensacola
 FL-2 Port Charlotte
 FL-5 Miami
 GA-3 Riverdale

HI-1 Wailuku, Maui
 IN-2 Ft. Wayne
 KY-1 Ft. Thomas
 MA-1 Boston
 MA-2 Worcester
 MI-1 Westland

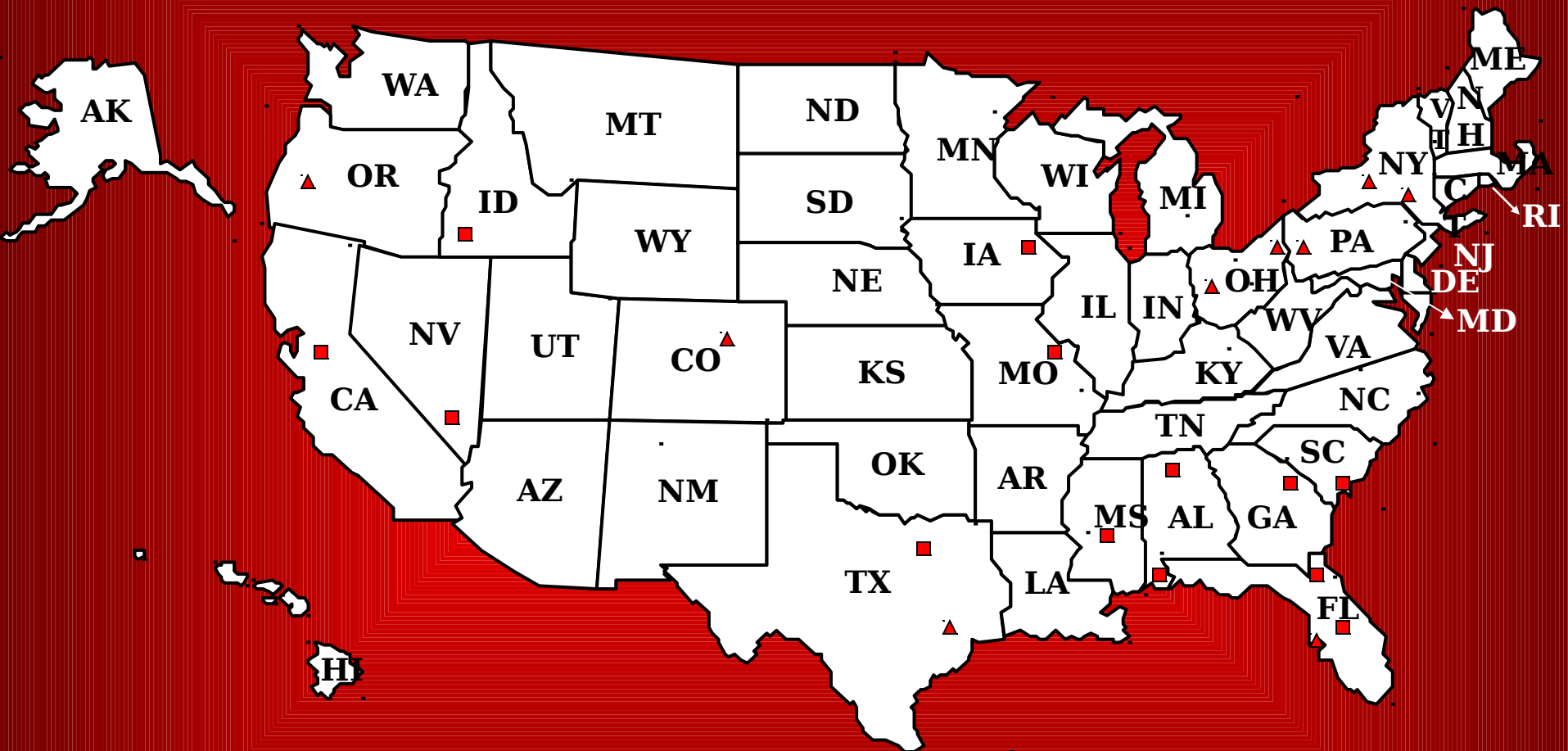
NC-1 Winston-Salem
 NJ-1 Trenton
 NM-1 Albuquerque
 OH-1 Toledo
 OK-1 Tulsa

RI-1 Providence
 TX-1 El Paso
 WA-1 Seattle

▲ Level 2

■ Level 3

Level 2 & 3 DMATs



AL-2 Huntsville

AL-3 Mobile

CA-11
Sacramento

CO-2 Denver

FL-3 St.
Petersburg

FL-4 Jacksonville

FL-6 Orlando

GA-4 Augusta

IA-1 Dubuque

ID-1 Boise

MO-1 St. Louis

MS-1 Brandon

NY-2 Valhalla

NY-4 Rockland
County

NV-1 Las Vegas

OH-5 Dayton

OH-6
Youngstown

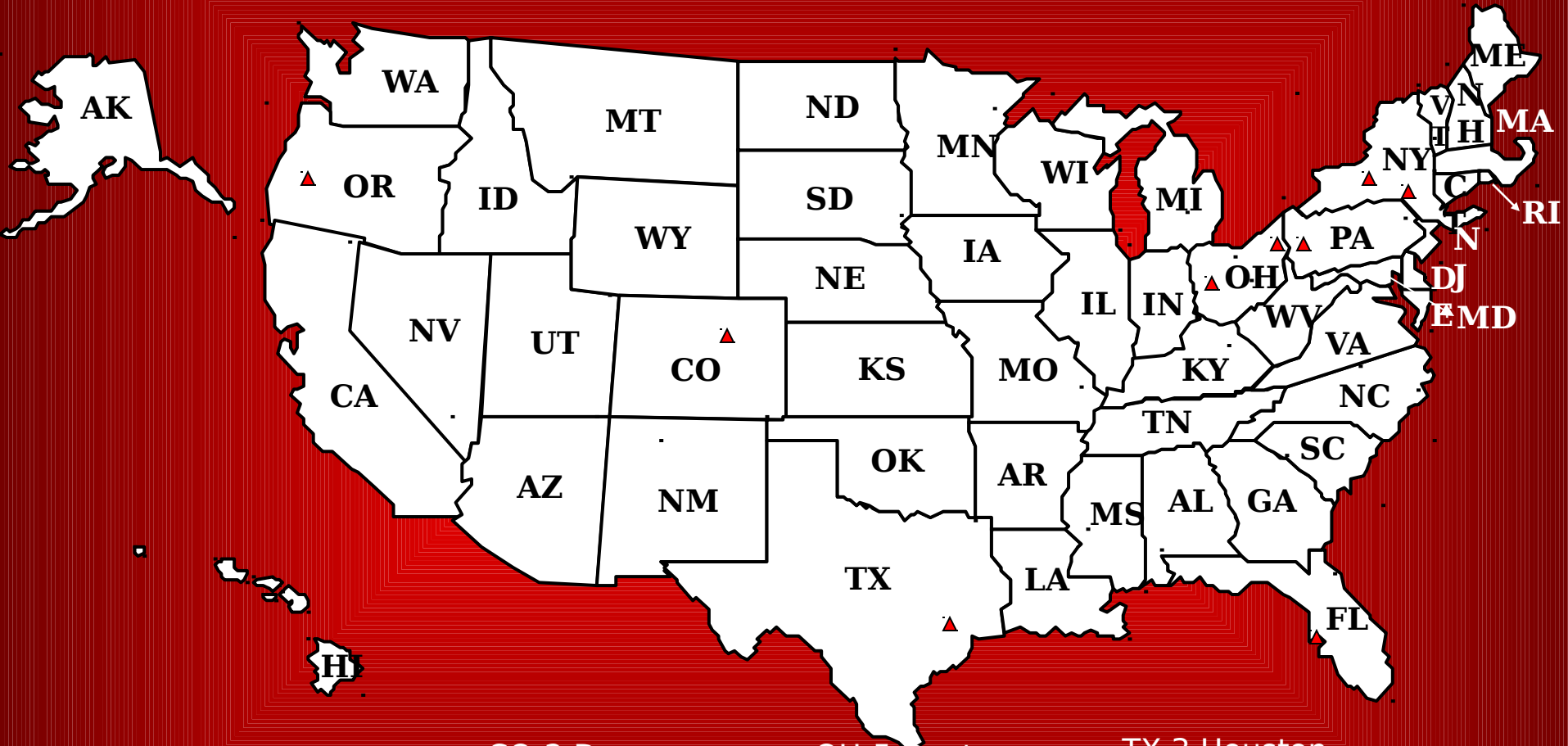
OR-2 Eugene

PA-1
Pittsburgh

TX-3
Houston

TX-4 Dallas

Level 2 DMATs



CO-2 Denver

OH-5 Dayton

TX-3 Houston

FL-3 St.
Petersburg

OH-6 Youngstown

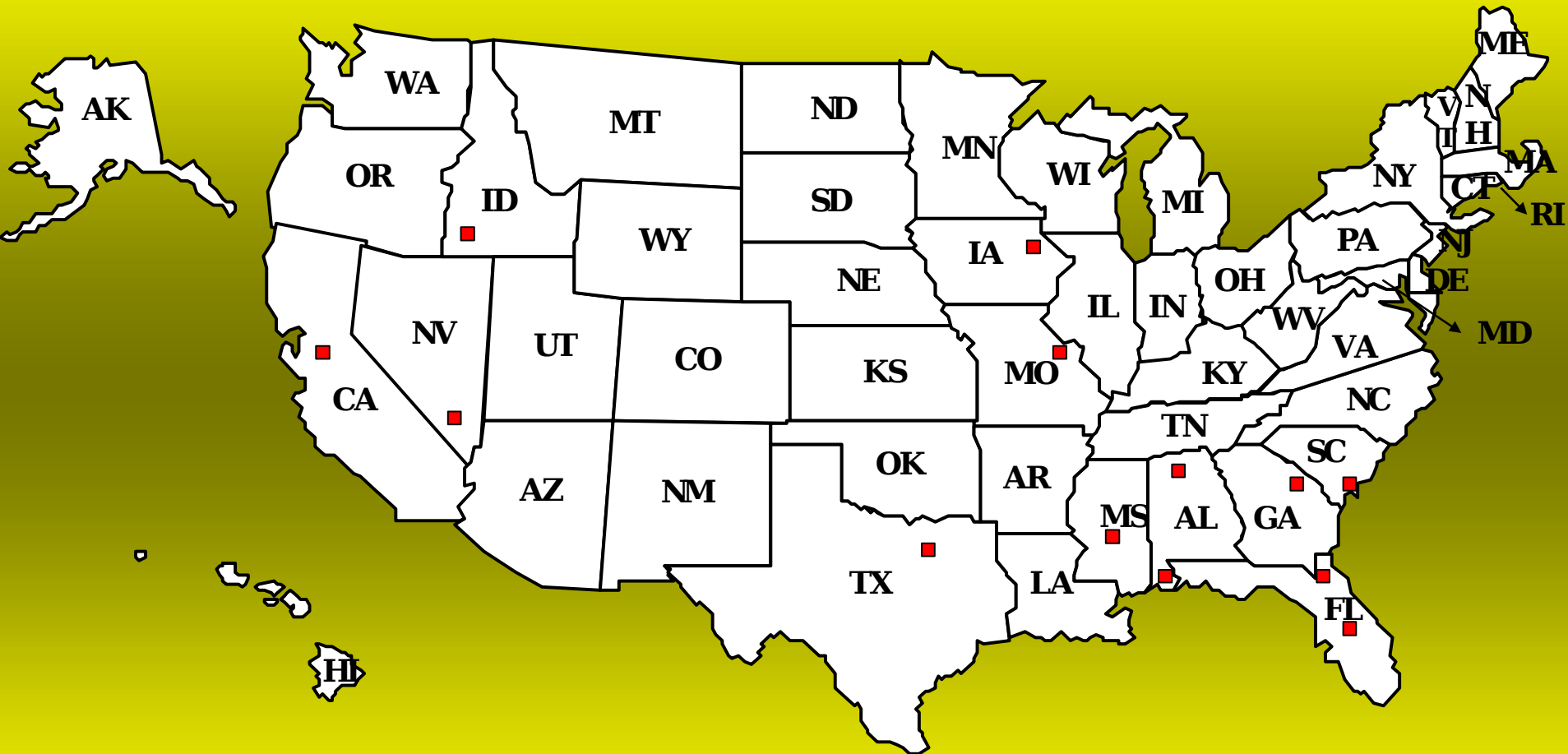
OR-2 Eugene

NY-2 Valhalla

PA-1 Pittsburgh

NY-4 Rockland

Level 3 DMATs



AL-2 Huntsville

FL-4 Jacksonville

IA-1 Dubuque

MS-1 Brandon

TX-4 Dallas

AL-3 Mobile

FL-6 Orlando

ID-1 Boise

NV-1 Las Vegas

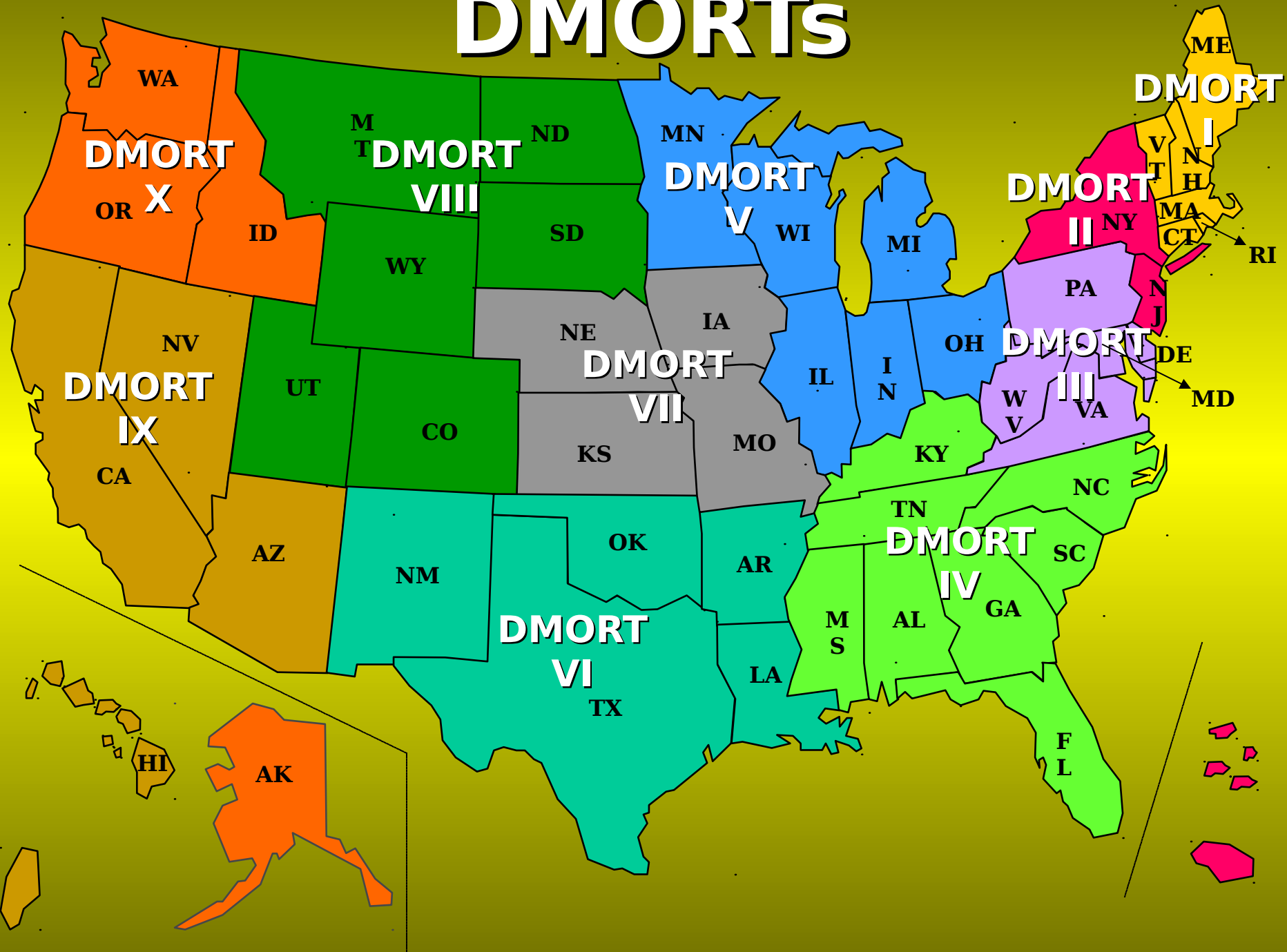
CA-11 Sacramento

GA-4 Augusta

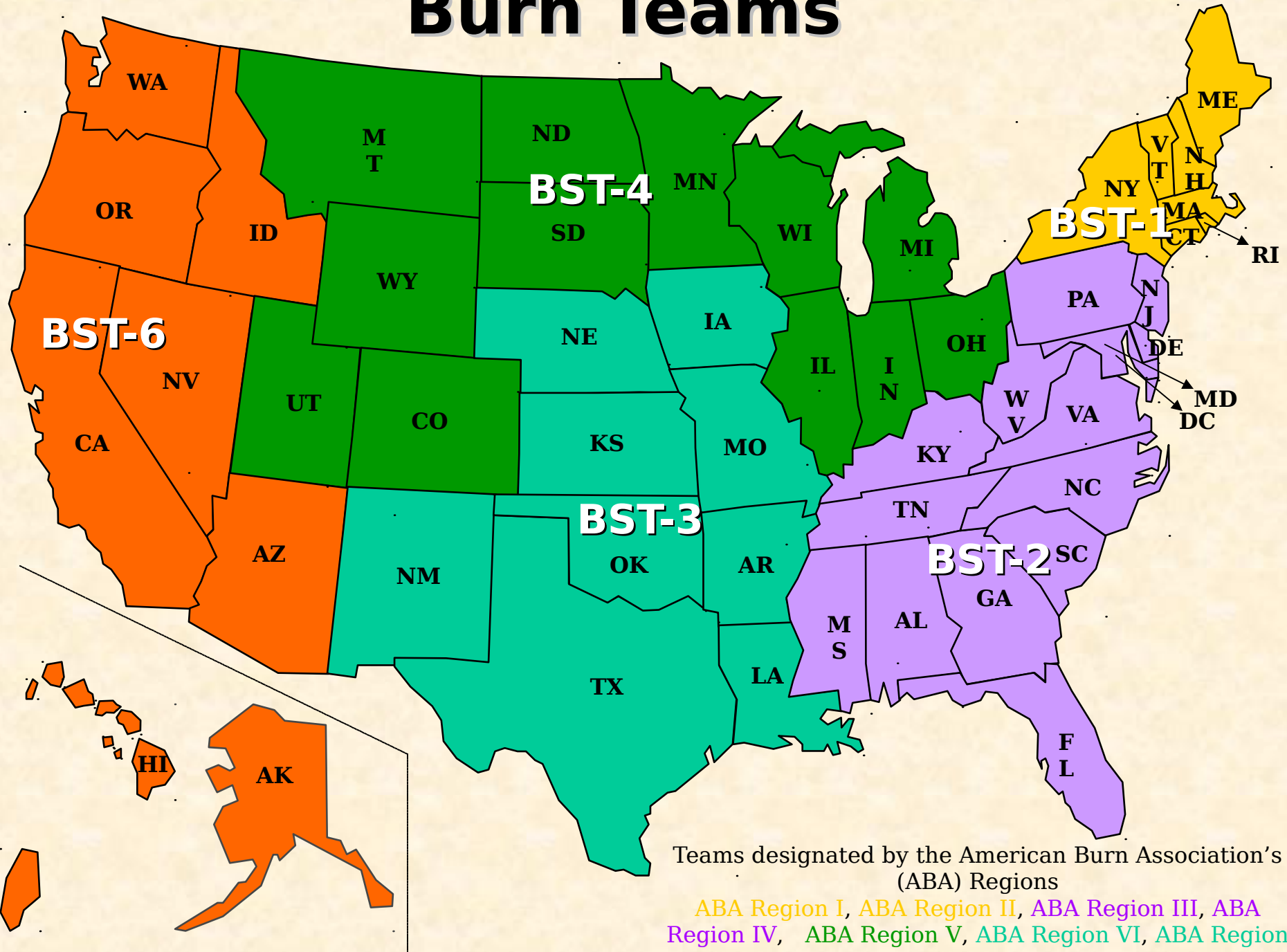
MO-1 St. Louis

SC-1 Charleston

DMORTs



Burn Teams





NDMS Patient Evacuation



Lead Responsibility - DoD

- Provide Patient Movement from the Disaster Area
- Utilize All Types of Transportation
- Primarily Relies on Aeromedical
- Patient Reporting, Regulating, Movement Request, Staging, Lift
 - Embarkation
 - Debarkation
- Coordination with Various System Elements



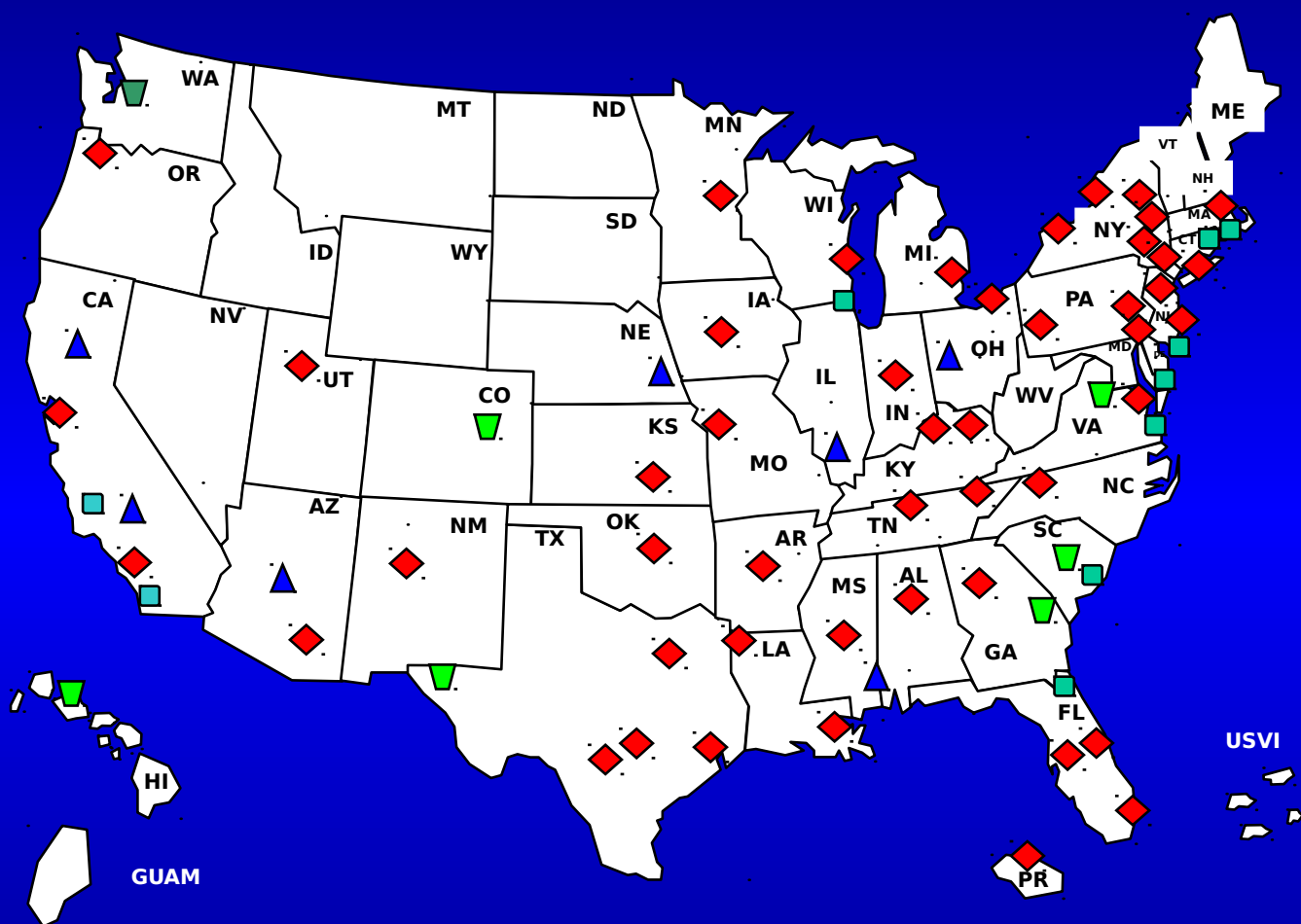


Definitive Medical Care

- **Lead Responsibility - DOD/ VA**
 - Concentrated in Major Metropolitan Areas
 - Air Access
 - Federal Coordinating Centers (FCCs)
 - Available Hospital Support
 - Patient Reception and Distribution Capabilities
- **Role of Participating (Civilian) Hospitals**
 - Voluntary Commit Hospital to NDMS
 - Provide Bed Availability to Local FCC
 - Treat NDMS Patients
 - Participate in NDMS Exercises

NDMS Definitive Medical Care Federal Coordinating Centers (FCCs)

- Network of about 2,000 non-Federal hospitals
- 65 FCCs coordinate > 82 receiving areas
- Solicit and Organize Community Support Services
- Enroll Non-Federal Local Hospitals in NDMS
- Coordinate Bed Avail.
- Coordinate with Local / State Authorities:
 - Local NDMS Patient Reception Plans
 - Plan/Conduct Annual NDMS Exercises
 - NDMS Operations During Activation



▼ Army FCC

■ Navy FCC

▲ Air Force FCC

◆ VA FCC



NDMS May be Activated During...

Declared Disasters
Requests for Major Medical Assistance



Overseas Military Conflict





ESF # 8/NDMS Activations

- **1989 - Hurricane Hugo**
- **1989 - Loma Prieta Earthquake**
- **1992 - Hurricane Andrew**
- **1992 - Typhoon Omar**
- **1992 - Hantavirus (S.W.)**
- **1992 - Hurricane Iniki**
- **1993 - Midwest Floods**
- **1993 - Hurricane Emily**
- **1994 - Northridge Earthquake**
- **1994 - Southeast Georgia Floods**
- **1994 - Houston Floods**
- **1994 - Winter Ice Storms**
- **1995 - Oklahoma City Bombing**
- **1995 - Hurricanes Marilyn & Opal**
- **1995 - California Flood**
- **1996 - Centennial Olympic Games**
- **1996 - Hurricane Fran**
- **1996 - Republican Convention**
- **1996 - Democratic Convention**
- **1996 - Quincy IL, Air Crash**
- **1996 - Oregon Floods**
- **1996- Hurricanes Eduardo, Bertha, Hortense**
- **1997 - Presidential Inaugural**
- **1997 - California Floods**
- **1997 - Monroe, MI Air Crash**
- **1997 - North Dakota Floods**
- **1997 - Minnesota Floods**
- **1997 - Kentucky Floods**
- **1997 - Idaho Floods Indiana Storms**
- **1997 - Ohio Floods**
- **1997 - Nevada Floods**
- **1997 - Hawaii Floods**
- **1997 - Summit of the Eight**
- **1997 - Guam Air Crash**
- **1998 - New York Ice Storms**
- **1998 - State of the Union 1998 - Typhoon Paka (Guam)**
- **1998 - California Floods**
- **1998 - Nike Games**
- **1998 - Texas Floods**
- **1998 - World Energy Council**
- **1998 - Hurricane Georges**
- **1999 - State of the Union**



ESF # 8/NDMS Activations (cont'd)

- **1999 - Papal Visit**
- **1999 - AMTRAK**
- **1999 - NATO Summit & 50th Anniv.**
- **1999 - Operation Tornado (OK)**
- **1999 - Provide Refuge (Kosovo Refug.)**
- **1999 - INS Support (Tinian)**
- **1999 - Hurricane Brett**
- **1999 - Hurricane Dennis**
- **1999 - Hurricane Floyd**
- **1999 - CA Forest Fires**
- **1999 - Egypt Air 990**
- **1999 - World Trade Organization**
- **1999 - Hurricane Lenny**
- **1999 - Y2K**
- **2000 - State of the Union Address**
- **2000 - Alaska Air Crash**
- **2000 - IMF/World Bank Spring Meeting (Wash, D.C.)**
- **2000- Los Alamos Fires**
- **2000 - Executive Air Crash**
- **2000 - OpSail 2000**
- **2000 - Hurricane Debby**
- **2000 - North Dakota Floods**
- **2000 - Republican National Convention**
- **2000 - Democratic National Convention**
- **2000 - U.N. Millennium Celebration**
- **2001 - Presidential Inaugural**
- **2001 - State of the Union**
- **2001 - Special Olympics (Alaska)**
- **2001 -Tropical Storm Allison**
- **2001 -Terrorist Attack on NY/DC**
- **2002- Various National TREATCONS**



NDMS Benefits

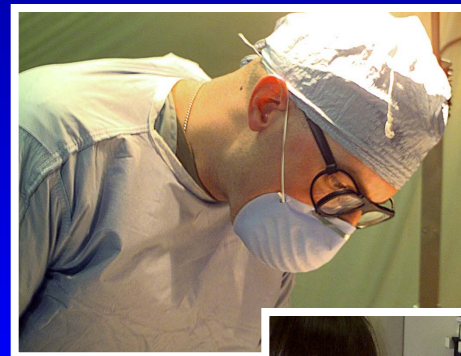
- **Maximizes the Utilization of Existing Resources**
- **Provides Identified Levels of Care**
- **Integrates Pre-hospital Phase with Medical Facilities**
- **Helps Contain Health Care Costs**
- **Designed to Reduce Mortality and Morbidity**





Partial Listing of Endorsement for NDMS

- American Burn Association
- American Hospital Association
- American Medical Association
- American Nurses Association
- American College of Emergency Physicians
- American College of Surgeons Committee on Trauma
- American College of Healthcare Executives
- American Red Cross
- Emergency Nurses Association
- National Association of State EMS Directors
- National Association of Emergency Medical Technicians
- National Emergency Management Agency
- National Fire Protection Association
- National Funeral Directors Association
- Society for Academic Emergency Medicine



The National Pharmaceutical Stockpile Program

**Welcome to the National Pharmaceutical
Stockpile Program
Planning Tool**



Jointly Developed by :

**Office of Emergency Preparedness
&
Centers for Disease Control and Prevention**



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www.cdc.gov

In an Emergency:

**CDC 24-hour Emergency Response 770-
488-7100**

For further information (non-emergency):

**NPS Program Main Number 770-488-
7516**



SAFER • HEALTHIER • PEOPLE™



Questions???